

SHEET	REV	ECO	DATE	DESCRIPTION	BY	CHK	APR
1,2,3	A		01/17/86	ADDED AN4-7A, AN363-428, AN960-416L; .156 WAS .140; REVISED NOTE 3.	NS	NS	NS
1,2,3	B		04/30/86	ADD .75 X 1.00 NOTCH TO -10; REMOVED -10 PLATE FROM -1; ADDED NOTE 6; -11 PIN LENGTH WAS 4.34.	NS	NS	NS
1,2,3	C		11/11/86	S-9002EC-10 REMOVED & CHANGED TO S-9504EC-1; ADDED RG38W GROMMET.	BR	BR	BR
1,2,3	D		04/24/87	-16 PLATE THICKNESS WAS .184; .188 WAS .194; ADDED .10R CORNERS.	NS	NS	NS
1,2,3	E		04/24/90	-11 PIN 6.5 WAS 6.0; 3.0 WAS 2045 MATERIAL STAINLESS; 1018 STL WAS 1010/1020 STL.	BR	BR	BR
1, 2	F		05/16/90	CONDENSED DRAWING TO TWO SHEETS; ADDED -2 VALVE ASSY, -28 COUPLING, -26 ROLL PIN, AND 1/4-28 THD; SET SCREW; OBSOLETE -1 VALVE ASSY. & -12 WELDMENT.	BR	BR	BR
1, 2	G		05/17/94	ADDED R0.125 TO -13 BRACKET	REB	REB	REB
1, 2	H		11/29/95	MS16562-33 WAS -26 PIN, -28 COUPLING REDIMENSIONED	REB	REB	REB
1,2,3,4,5	J		12/02/99	NAS1149 WAS AN960, ADDED -3 ASSY. & SHTS 3,4,5 UPDATED TO STANDARD FORMAT.	MR	LS	MR
1,2,3,5	K		06/30/03	SH2,SH3 S-9002EC-10 FLAT WAS FACING TO RIGHT ON DWG.; SH5 -16PLATE 0.188 WAS +/-0.010, THRD THRD SPEC REVISED TO STD.	REB	LS	REB
1,2,5	L		01/25/07	-28 FINISH WAS ZINC PLATE. REMOVED S-9002EC-12/-15/-17 FROM BOM. SH2 "REPLACE EXISTING NUT." WAS "REPLACE EXISTING WASHER." SH5: Ø0.193±0.003 WAS Ø0.188±0.005/-0.000.	REB	LS	REB
1,4,5		1	03/18/08	ASTM B 633 WAS QQ-Z-325C	REB	CEH	REB
1,4,5		2	05/27/2011	-13; FINISH, WAS GOLD -16; 1018CR WAS 1018 FINISH, WAS GOLD	REB	LS	REB
1,5		3	08/18/2011	-10, -28 WAS 303, -10 WAS FINISH ZINC PLATE	REB	CEH	REB
ALL	M		01/11/2016	SHT 2,3: UPDATED PICTORIAL REPRESENTATION OF ES26180-1 VALVE; ROTATED -16 PLATE 90 DEG. REMOVED NOTE FROM -10 PIN ABOUT ORIENTATION. ON -14, CORRECTED SOLID LINE TO HIDDEN LINE.	PDM	JT	JT
ALL	N		05/27/2020	ADDED FOLD LINE ON -13 AND -14. ADDED Ø0.315 90° COUNTERSINK TO 1/4" HOLE ON -28. AN363-428 NOW MS21045-4.	DT	LS	ZA

2		S-9002EC-14	BRACKET
1	1	NAS1149F0563P	WASHER
1	1	1/4-28 THD X 0.20	SET SCREW
1	1	ES26180-1	VALVE
1	1	S-9002EC-10	PIN
1	1	S-9002EC-16	PLATE
	2	S-9002EC-13	BRACKET
4	4	NAS1149F0432P	WASHER
1	1	MS16562-33	ROLL PIN
4	4	MS21045-4	NUT
4	4	AN4-7A	BOLT
1	1	S-9002EC-28	COUPLING

-3	-2		
ASSY	ASSY	PART NUMBER	DESCRIPTION
QTY.	QTY.		

Paravion® Inc.	TITLE	DRAWING NO.
Technology	VALVE ASSY.	S-9002EC

DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
NLH	BR	BR	02/20/86	N	

DO NOT SCALE DRAWING			SHEET
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PROTO
N/C

DIMENSIONS IN INCHES  
TOLERANCES EXCEPT WHERE NOTED:  
.X = ± .1  
.XX = ± .05  
.XXX = ± .010  
ANGLES = ± 1°  
THREADS:  
INTERNAL=CLASS 2B  
EXTERNAL=CLASS 2A

REMOVE EXISTING HARDWARE & INSTALL  
AN4-7A BOLT  
NAS1149F0432P WASHER  
MS21045-4 NUT  
(TYP. 4 PLACES)

ES26180-1 VALVE

S-9002EC-16 PLATE

REPLACE EXISTING NUTS (2X) & HANDLE WITH  
NAS1149F0563P WASHER  
ASSURE -16 PLATE FULLY  
ENGAGES STOP AFTER ASSEMBLY

1/4-28 THD SET SCREW

S-9002EC-28 COUPLING

MS16562-33 ROLL PIN

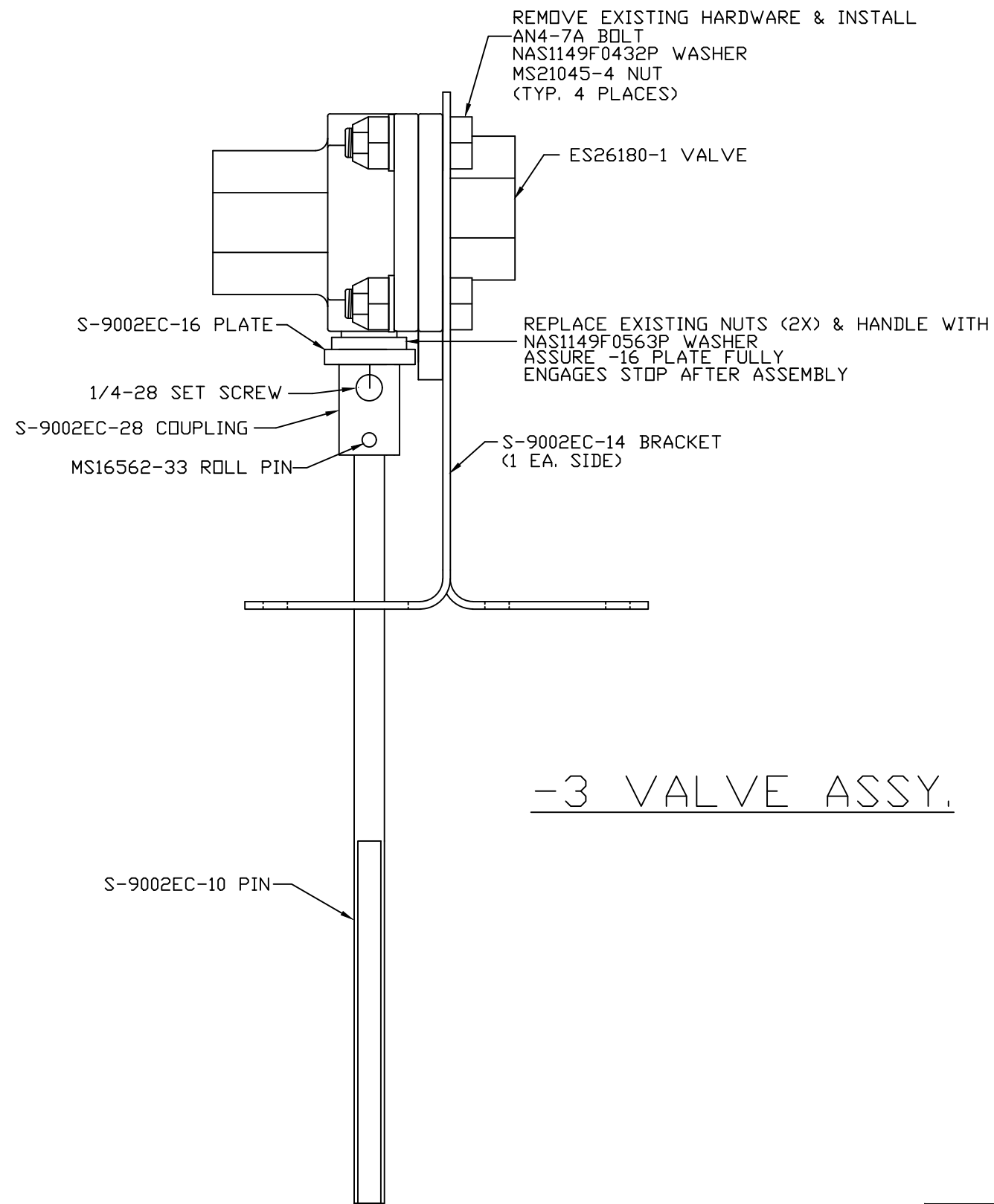
S-9002EC-13 BRACKET  
(1 EA. SIDE)

-2 VALVE ASSY.

S-9002EC-10 PIN

BREAK ALL SHARP EDGES

	Paravion® Technology Inc.		TITLE VALVE ASSEMBLY			DRAWING NO. S-9002EC		
	DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
	TOLERANCES EXCEPT WHERE NOTED:		NLH	BR	BR	02/20/86	N	
			DO NOT SCALE DRAWING			SHEET		
PROTO	.X = ± .1 .XX = ± .05 .XXX = ± .010		© 2020 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				2 OF 5	
N/C	ANGLES = ± 1°							



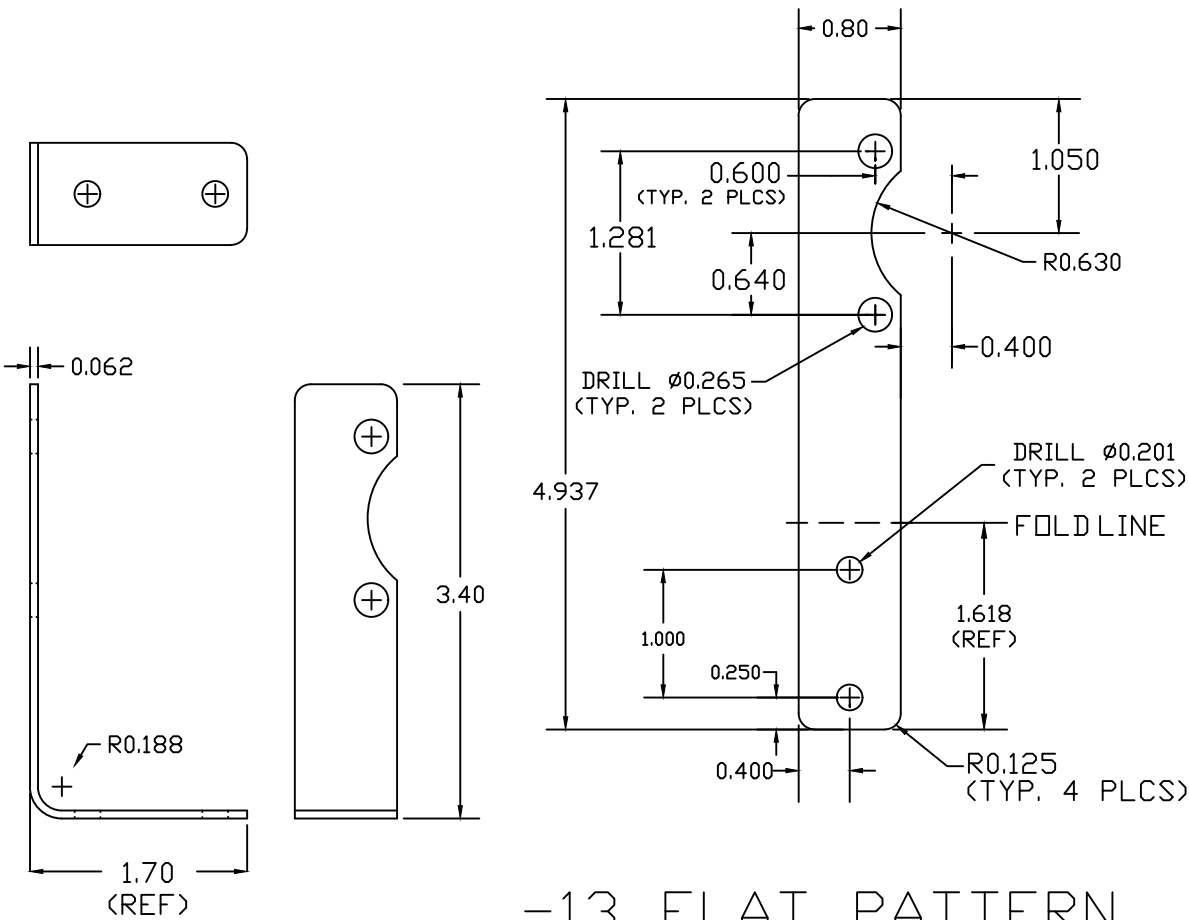
-3 VALVE ASSY.

S-9002EC-10 PIN-

BREAK ALL SHARP EDGES

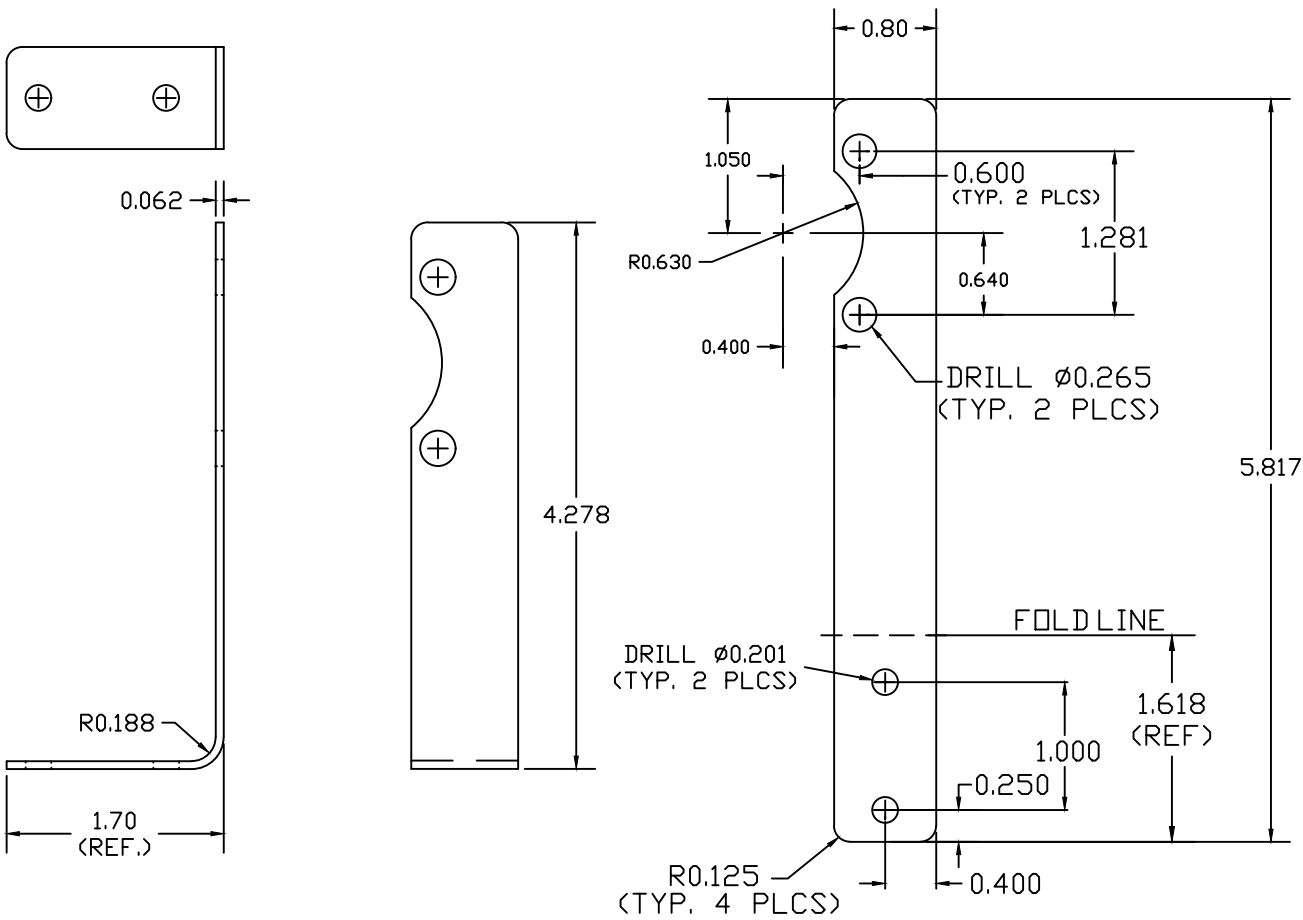
<div>Paravion® Technology Inc.</div>		TITLE VALVE ASSEMBLY			DRAWING NO. S-9002EC		
DIMENSIONS IN INCHES		DRAWN BY KRG ECO	APRVD. BY	CHK'D BY	DATE	REV N	ECO
TOLERANCES EXCEPT WHERE NOTED:					12/02/99		
.X = ± .1 .XX = ± .05 .XXX = ± .010						SHEET  3 OF 5	
ANGLES = ± 1°		DO NOT SCALE DRAWING					
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N/C							

MATERIAL: 4130 MIL-S-6758  
STOCK: 0.063 SHEET  
FINISH: ZINC PLATE PER ASTM B 633-07 OR LATER REVISION; TYPE II, CLASS SC3, COLOR YELLOW



-13 BRACKET

-13 FLAT PATTERN



-14 BRACKET

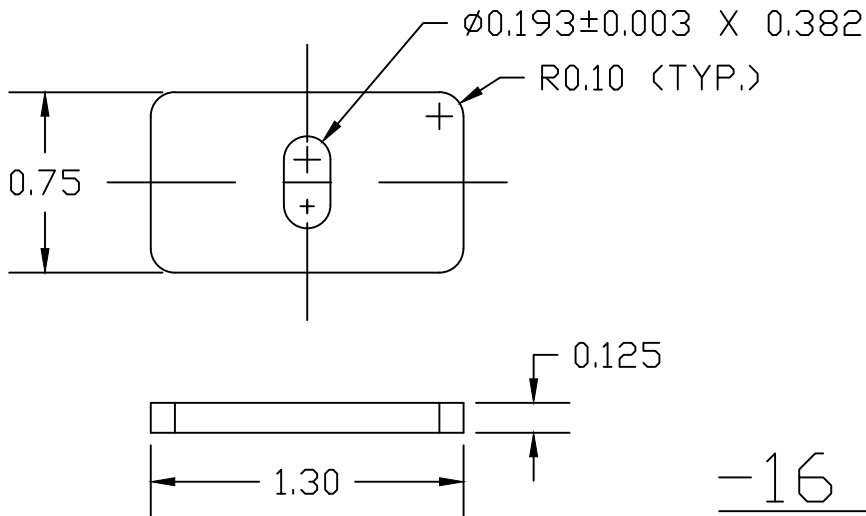
-14 FLAT PATTERN

BREAK ALL SHARP EDGES

	Paravion® Technology Inc.		TITLE VALVE ASSEMBLY			DRAWING NO. S-9002EC		
	DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
	TOLERANCES EXCEPT WHERE NOTED:		KRG	MR	LS	12/02/99	N	
			ECO					
PROTO	.X = ± .1 .XX = ± .05 .XXX = ± .010		DO NOT SCALE DRAWING				SHEET	
N/C	ANGLES = ± 1°		© 2020 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				4 OF 5	

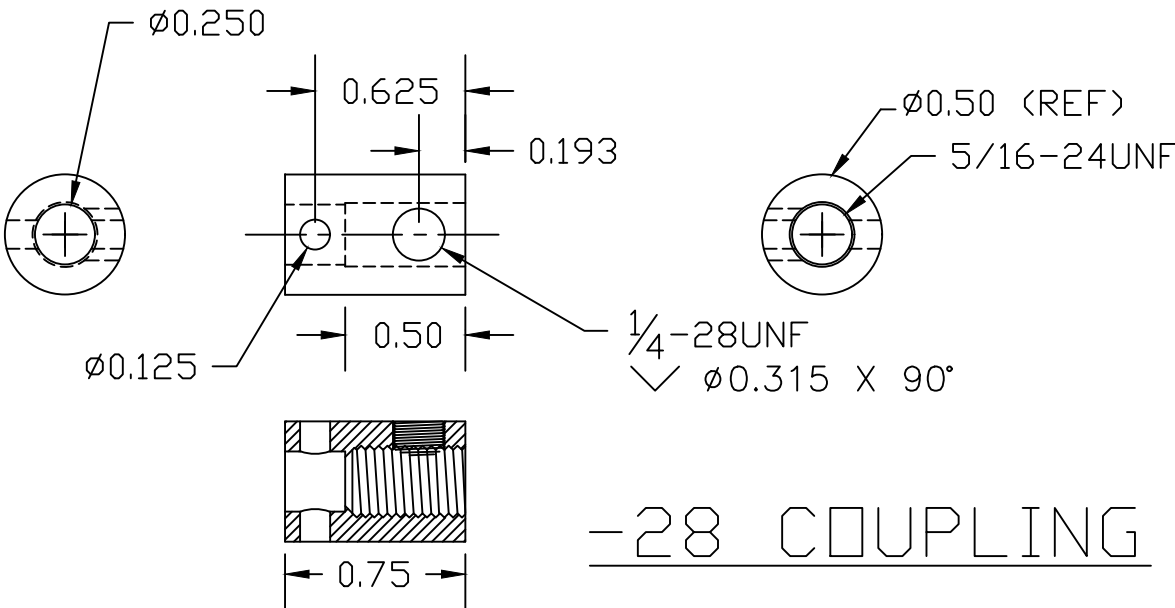
MATERIAL: 1018CR STEEL, ASTM A108  
STOCK: 0.125 SHEET  
FINISH: ZINC PLATE PER ASTM B 633-07 OR LATER REVISION  
TYPE II, CLASS SC3, COLOR YELLOW

SURFACE FINISH 125



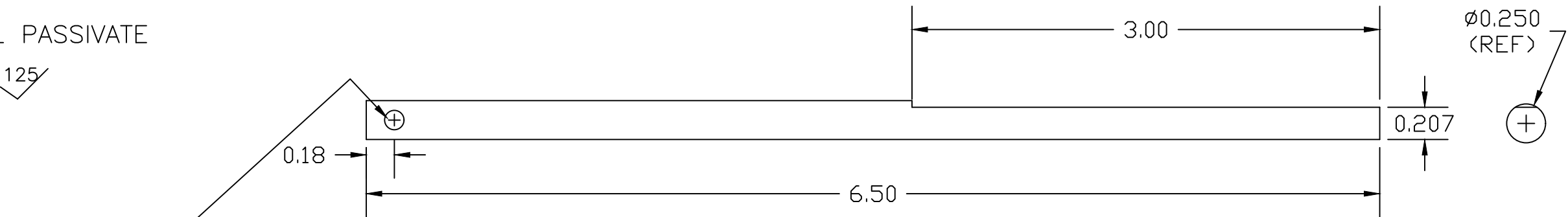
-16 PLATE

MATERIAL: 300 SERIES STAINLESS STEEL  
MIL-S-5059, AMS 5640, ASTM A 314  
STOCK: 0.50 ROUND  
SURFACE FINISH 125  
FINISH: OPTIONAL PASSIVATE



-28 COUPLING

MATERIAL: 300 SERIES STEEL  
MIL-S-5059, AMS 5640, ASTM A 314  
STOCK: 0.250 ROUND  
FINISH: OPTIONAL PASSIVATE  
SURFACE FINISH 125



DRILL  $\phi 0.125$   
NO ORIENT REQ'D

-10 PIN

BREAK ALL SHARP EDGES

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PROTO  
N/C

Paravion® Inc.		TITLE		DRAWING NO.	
Technology		VALVE ASSY.		S-9002EC	
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE
TOLERANCES EXCEPT WHERE NOTED:		KRG	MR	LS	12/02/99
.X = ± .1				REV	ECO
.XX = ± .05				N	
.XXX = ± .010					
ANGLES = ± 1°					
THREADS:					
INTERNAL=CLASS 2B					
EXTERNAL=CLASS 2A					
		DO NOT SCALE DRAWING		SHEET	
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